



Department of
Toxic Substances
Control

*Preventing
environmental
damage from
hazardous waste,
and restoring
contaminated
sites for all
Californians.*



State of California



California
Environmental
Protection Agency

Public Involvement

Fact Sheet, February 2006

Former Brentwood Rod & Gun Club Site Draft Removal Action Workplan

The Department of Toxic Substances Control (DTSC) is providing this fact sheet to inform the public of a 30-day comment period on the Draft Removal Action Workplan (Draft RAW) for the former Brentwood Rod & Gun Club Site (Site). The Site is located on the east side of Concord Avenue, approximately 0.8 mile south of Balfour Road in Brentwood, California. (See Site Map on page 2.) The soil at the Site is contaminated with lead, copper and other metals historically found on a small arms firing range. This contaminated soil will be collected and buried beneath the new Highway 4 Bypass currently under construction.

The Draft Removal Action Workplan describes in detail the investigation and recommendations to cleanup the contamination. We encourage you to review and comment on the Draft RAW which is available at the information repositories listed on page 4. If you have questions about this Site, please contact either Claude Jemison, DTSC Project Manager, at (510) 540-3803 or by e-mail at cjemison@dtsc.ca.gov; or Richard A. Perry, Public Participation Specialist, at (510) 540-3910 or by e-mail at rperry@dtsc.ca.gov.

This Fact Sheet Will Tell You

- History and Background of the Site
- Site Investigations
- DTSC's Cleanup Recommendation
- Proposed Activities
- California Environmental Quality Act-Notice of Exemption
- Next Steps

PUBLIC COMMENT PERIOD

We encourage you to review and comment on the Draft RAW for the former Brentwood Rod & Gun Club Site. We will consider and respond to all public comments before making a final decision on this Site. The Public Comment Period is February 21, 2006 to March 22, 2006. Please send comments, postmarked by March 22, 2006, to:

Claude Jemison, Project Manager
Department of Toxic Substances Control
700 Heinz Avenue
Berkeley, California 94710
Or by email: cjemison@dtsc.ca.gov



History and Background of the Site

The approximate ten-acre Site is the former Brentwood Rod & Gun Club property located on the east side of Concord Avenue, approximately 0.8 mile south of Balfour Road in Brentwood, California. Adjacent land uses are predominantly residential to the north and east, and private open space to the south and west.

The Site previously consisted of several firing range structures (e.g., trap throwers and pits), several trailers, and a shed. The Site was used since 1952 for shotgun shooting (i.e., trap and skeet). Shotguns and associated clay targets were used at the skeet and trap ranges in the center of the Site. In 1964, soil berms were constructed and backboards installed to accommodate targets for rifles and handguns.

In 1999, Contra Costa County purchased the Site to serve as a right-of-way for the new Highway 4 Bypass (State Route 4). The Bypass consists of a 9.3-mile-long right-of-way that will be constructed as an expressway linking the cities of Antioch and Brentwood.

Site Investigations

The primary contaminant of concern (COC) related to small arms firing is lead. Other contaminants are antimony, arsenic, copper, and zinc that are used as hardeners and jacket alloys in the manufacturing of ammunition and polycyclic aromatic hydrocarbons (PAHs) that are used in the manufacturing of clay targets.

In 2002 and 2004, Site investigations were conducted to evaluate the extent of COCs in shallow soil. Soil samples were collected from the berms, the pistol, rifle, and shotgun range floors, and from the hillside behind the shot gun range. Soil and groundwater samples were also collected from the center of the Site where debris had been buried during Gun Club construction in the 1950's.

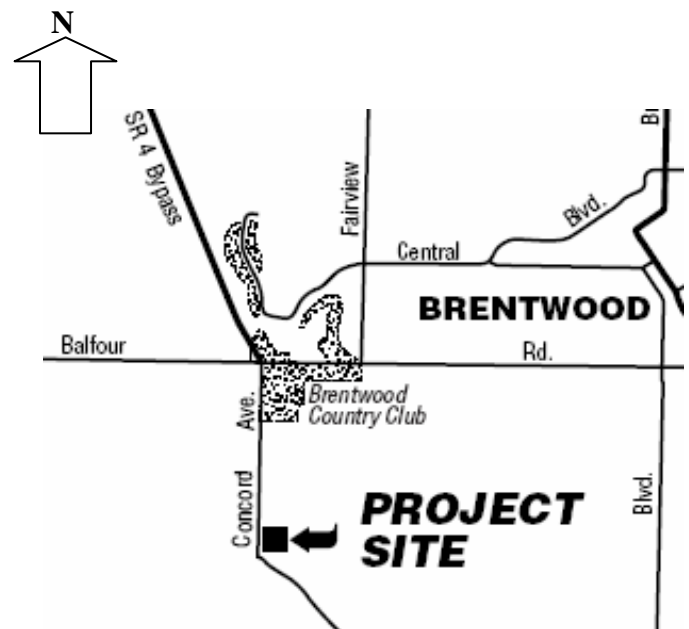


Figure 1: Brentwood Rod & Gun Club Site Map

The results of these investigations indicate shallow soil across the Site contains elevated levels of lead, cadmium, and PAHs. Groundwater beneath the Site has not been impacted by the Gun Club activities.

What is a Draft RAW?

The Draft RAW evaluates cleanup alternatives to prevent or reduce potential risks to public health and the environment. A Draft RAW summarizes previous studies and identifies the possible removal alternatives. Removal alternatives are screened and evaluated on the basis of their effectiveness, ability to implement and cost.

The Draft RAW then identifies the alternative DTSC recommends and believes is the most appropriate for the Site.

Before DTSC makes a final decision to approve, modify or deny a Draft RAW, the Draft RAW is made available for public comment during a 30-day public comment period. All comments received from the public during the comment period are reviewed and considered before the Draft RAW is approved by DTSC.

Objectives of the Draft RAW

The removal action objective at this Site is to prevent contact with elevated lead, arsenic, and PAHs concentrations.

DTSC's Cleanup Recommendations

DTSC recommends the following actions for the former Brentwood Rod & Gun Club Site:

- Based on the proposed roadway alignment, the majority of the soil with metals and PAHs will be covered by at least two feet of imported fill to construct the Highway 4 Bypass. Soil outside the imported fill footprint that contains metals or PAHs exceeding commercial/industrial health standards will be excavated and placed directly under the proposed roadway.
- Grading and soil work will be performed under an appropriate Health and Safety Plan.
- A Land Use Covenant will be recorded for the Site restricting land use to commercial/industrial purposes only.

This removal action is the most protective of human health and the environment, it is cost effective, and can readily be implemented.

Proposed Activities

If the Draft RAW is approved as proposed you will see the following described activities. Contaminated soil from the rifle range berm (2,000 cubic yards) and the hillside (520 cubic yards) will be excavated and placed directly beneath the proposed roadway. Clean, imported soil will be placed in the excavation areas and graded to match the existing ground surface.

Two feet of imported fill will also be placed on top and along the sides of the western portion of the rifle, shotgun, and pistol range floors that lie outside the imported fill footprint.

The Draft RAW includes provisions for dust monitoring to ensure that workers and the nearby community will not be exposed to contaminated dust during this work.

The Draft RAW is projected to take approximately 3 months to complete.

California Environmental Quality Act – Notice of Exemption

DTSC has prepared a Draft Notice of Exemption (NOE) for this project as required by the California Environmental Quality Act (CEQA). This document will be filed with the Governor's Office of Planning and Research, State Clearinghouse. The Draft NOE is DTSC's finding that the proposed cleanup will not have a negative impact on human health or the environment.

Next Steps

You have the opportunity to review and comment on the Draft Removal Action Workplan. The 30-day public comment period ends March 22, 2006. During this time, you can review and send us your comments regarding the proposed Draft RAW. Your comments must be postmarked no later than March 22, 2006.

All comments received during the comment period are considered by DTSC before making a final decision on approving, amending or denying the RAW. Once a decision has been made a "Response to Comments" document will be sent to those who submitted comments or questions.

INFORMATION REPOSITORIES

The Draft RAW is available for review at:

Contra Costa County Public Library
Brentwood Branch
751 Third Street
Brentwood, California 94513
(925) 634-4101

The full Administrative Record is located at the
DTSC File Room located at:

700 Heinz Avenue
Berkeley, California 94710
(510) 540-3800
(Call for an appointment.)

ANUNCIO

Si prefiere hablar con alguien en español acerca de ésta información, favor de llamar a Jacinto Soto, Departamento de Control de Sustancias Tóxicas. El número de teléfono es (510) 540-3842.

NOTICE TO HEARING IMPAIRED INDIVIDUALS

TDD users can obtain information about the Site by using the California State Relay Service at (888) 877-5378. Please ask to speak to Richard Perry, DTSC Public Participation Specialist, at (510) 540-3910.

FOR MORE INFORMATION

For questions regarding cleanup, please contact:

Claude Jemison
DTSC Project Manager
700 Heinz Avenue
Berkeley, California 94710
(510) 540-3803 or cjemison@dtsc.ca.gov

For questions regarding public participation, please contact:

Richard Perry
DTSC Public Participation Specialist
700 Heinz Avenue
Berkeley, California 94710
(510) 540-3910 or rperry@dtsc.ca.gov

For Media inquiries, please contact:

Angela Blanchette
DTSC Public Information Officer
700 Heinz Avenue
Berkeley, California 94710
(510) 540-3732 or ablanche@dtsc.ca.gov